OWNER'S MANUAL

- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

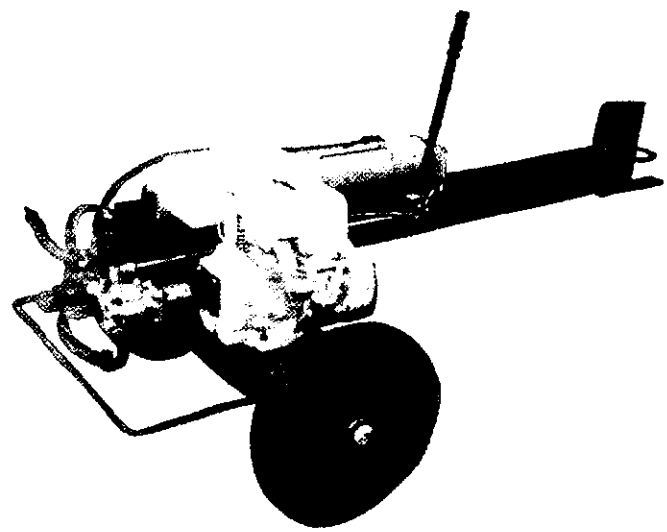
Model No.
24645-9

Important:

Read Safety Rules and Instructions Carefully

YARD-MAN

8 H.P. DELUXE LOG SPLITTER



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FORM No. 770-8316

LIMITED WARRANTY

For one year from the date of original retail purchase, YARD-MAN COMPANY will either repair of replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges under this warranty must be paid by the purchaser unless return is requested by YARD-MAN COMPANY.

This warranty will not apply to any part which has becomes inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of YARD-MAN.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

WARNING TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California. before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 442 of the California Public Resources Code.

IMPORTANT

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and amount.

Your log splitter is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.

SAFE OPERATION PRACTICES FOR LOG SPLITTERS

TRAINING

1. Know the controls and how to stop quickly--READ THE OWNER'S MANUAL.
2. Do not allow children to operate. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your log splitter.

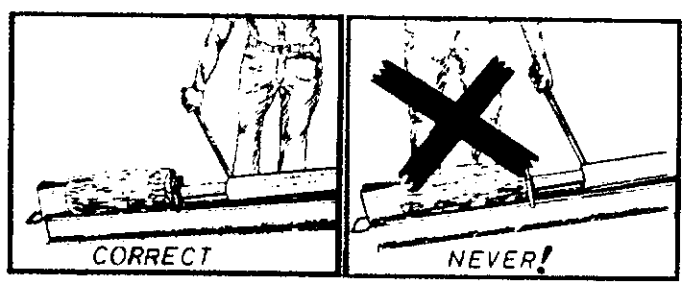
PREPARATION

1. Do not wear loose fitting clothing that could get caught on the moving parts.
2. Do not operate equipment when barefoot or wearing open sandles. Always wear substantial footwear.
3. Check the fuel before starting the engine. Do not fill the gasoline tank indoors, when the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine.
4. Use only in daylight or in good artifical light.
5. Never operate the equipment in the rain. Always be sure of your footing.

OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near rotating or moving parts.
3. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
4. When cleaning, repairing or inspecting, make certain all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
5. Handle gasoline with care--it is highly flammable.
   A. Use approved gasoline container.
   B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
   C. Open doors if engine is run in garage--exhaust fumes are dangerous. Do not run engine indoors.
6. Always operate the log splitter from the engine side of the beam.

Stand behind the ram when operating. See drawings.



7. Be careful not to touch the muffler after the engine has been running, it is **HOT**.

MAINTENANCE and STORAGE

1. Keep all nuts, bolts, screws, hose clamps and hydraulic fittings tight to be sure equipment is in safe working condition.
2. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame of spark. Allow the engine to cool before storing in any enclosure.
3. To reduce fire hazard keep engine free of grass, leaves, wood chips, excessive grease and oil.
4. Do not change the engine governor settings or overspeed the engine.. Excessive engine speeds are dangerous.
5. Never store outside without a waterproof cover. Rain will cause rust on the inside of the cylinder.

TOOLS REQUIRED:

(1) Raw Hide or Plastic Hammer

(1) 1-1/8" wrench or adjustable wrench

(2) 1/2" wrenches

(1) Standard screw driver

(1) 3/4" wrench

(2) 7/16" wrenches

OTHER MATERIALS NEEDED:

(A) One gallon of regular grade gasoline (for engine)

(B) 2-3/4 pints of SAE 30 or 10W oil (for engine)

(C) 2-1/2 gallons of 10W 30 H.D. oil only (for Log Splitter).

(D) Cleaning rag

(E) Automotive grease

(F) Funnel

(G) Hydraulic sealant tape (for pipe threads)

LIST OF CONTENTS IN HARDWARE PACK:
See figure 1.

A. (2) Spacers
B. (2) Tapered roller bearings
C. (2) Hex castle nuts 3/4-16 thread
D. (2) Cotter pins 5/32" Dia. x 1.00" long
E. (2) Hub Caps
F. (1) Hose clamp
G. (2) Hex self tapping screws #8x .50" long
H. (4) Hex screws 5/16-24 x 1.00" long
I. (4) Lockwashers 5/16" Scr.
J. (4) Hex nut 5/16-24 thread
K. (1) Shoulder bolt
L. (1) Flat washer
M. (1) Hex screw 1/4-20 x 1.25" long
N. (2) Hex Nut 1/4-20 thread
O. (1) Ferrule
P. (1) Hair pin cotter
Q. (1) Hex lock nut 5/16-18 thread

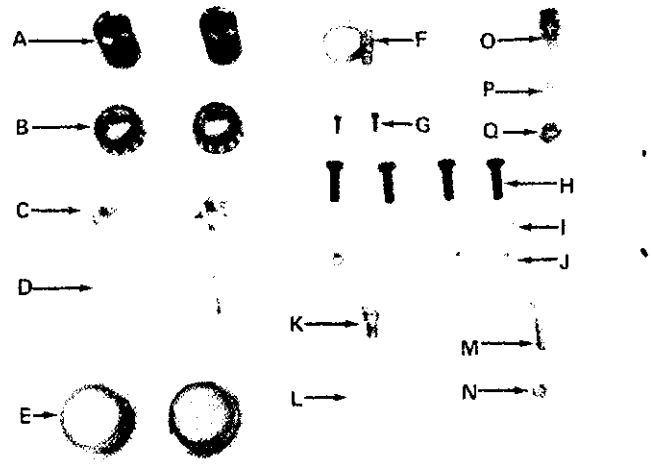


FIGURE 1

Your Log Splitter is shipped in two cartons.

1. Remove the engine (with frame), two wheels, engagement rod, engagement handle, hose and hardware pack. See figures 1 & 2.

2. Remove the beam assembly from the other carton.

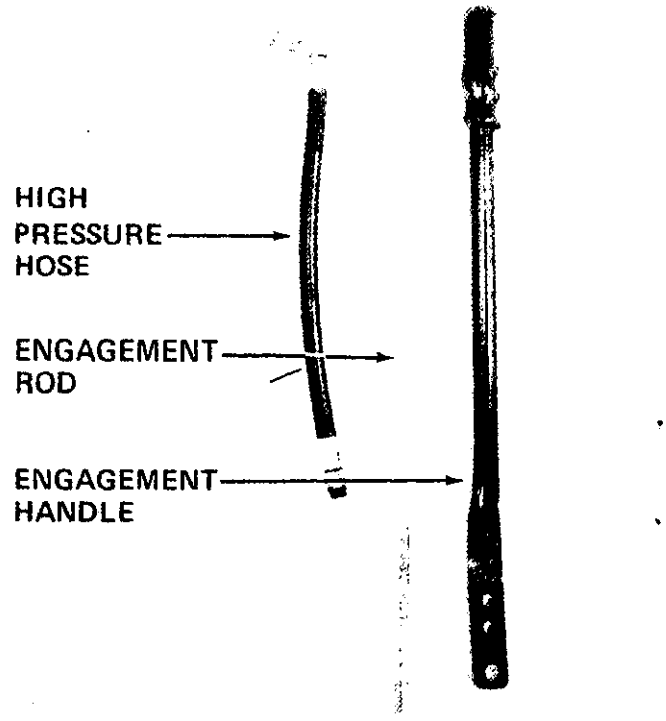


FIGURE 2

ASSEMBLY INSTRUCTIONS

1. Pack the tapered roller bearings with automotive grease.

NOTE

Do Not put any grease in the hub caps.

2. Place one spacer (A) on axle, next one wheel, and tapered roller bearing (B). See figure 3.

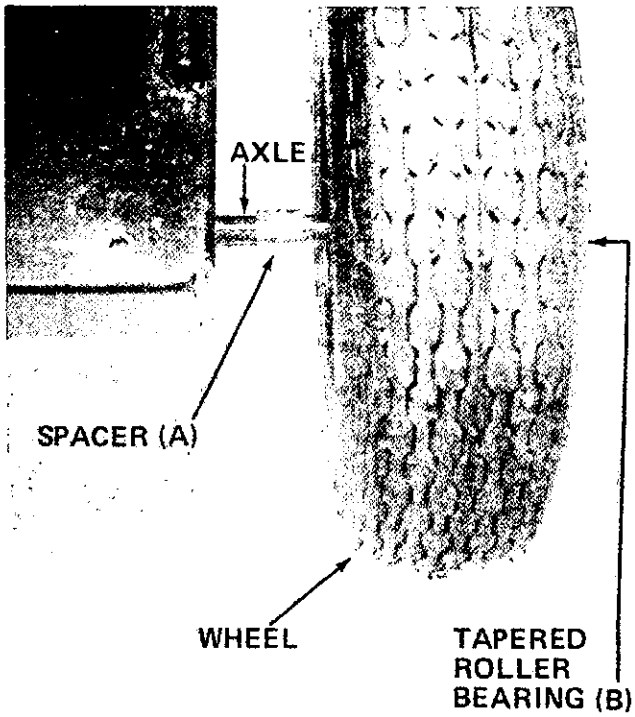


FIGURE 3

3. Thread hex castle nut (C) on axle. Tighten castle nut until snug, back off approsimately 1/3 turn or until one of the slots on the castle nut lines up with hole in axle. Secure castle nut to axle with cotter pin (D). See figure 4.

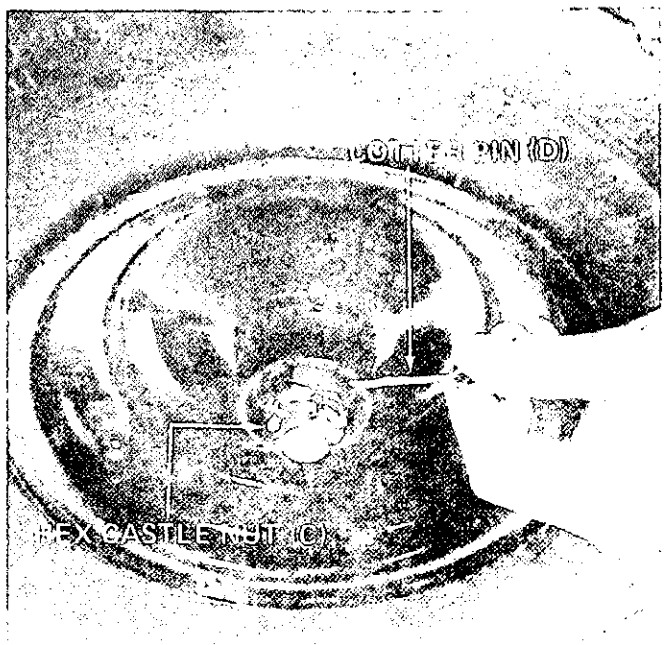


FIGURE 4

4. Place hub cap (E) in position on wheel and tap on with a plastic hammer. See figure 5.

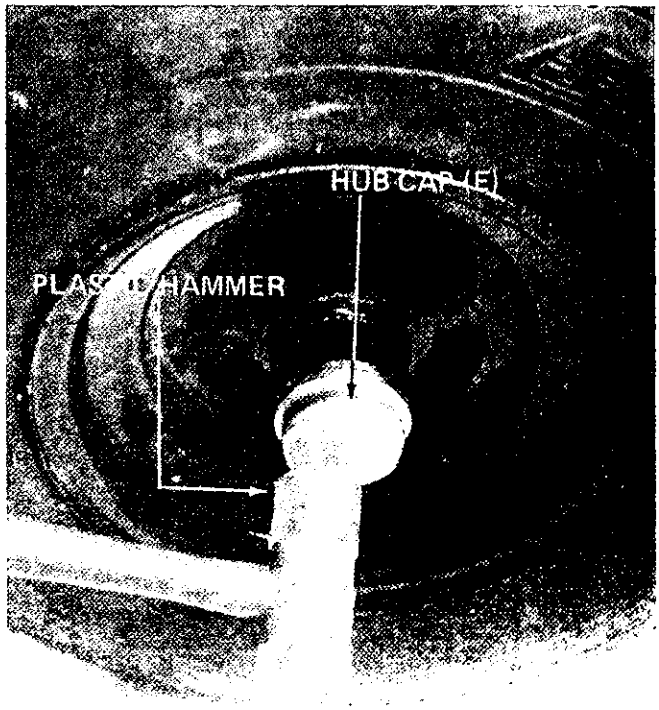


FIGURE 5

5. Repeat steps 1 through 4 for the second wheel.

6. With help from another person, place beam assembly on frame and line up four holes, secure with four hex screws (H), lock washers (I) and hex nuts (J). See figure 6. Two 1/2" wrenches or socket is required.

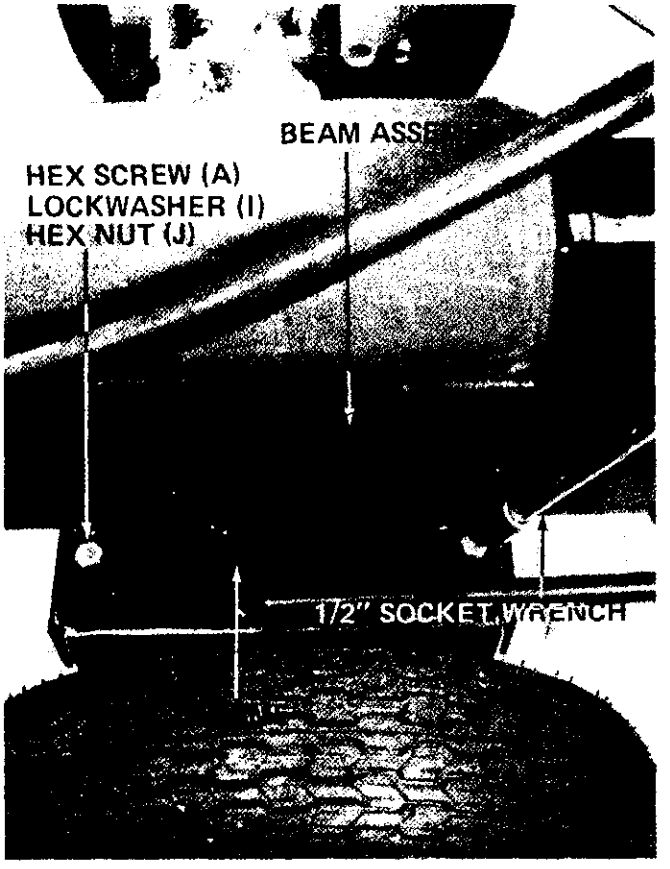


FIGURE 6

7. Secure the inlet hose to the pump with hose clamp (F), provided in hardware pack. A standard screwdriver is required. See figure 7.

8. Assemble the high pressure hose to the pump. A 1-1/8" wrench or adjustable wrench is required. See figure 8.

NOTE

Use hydraulic sealant tape or pipe sealant on threads.

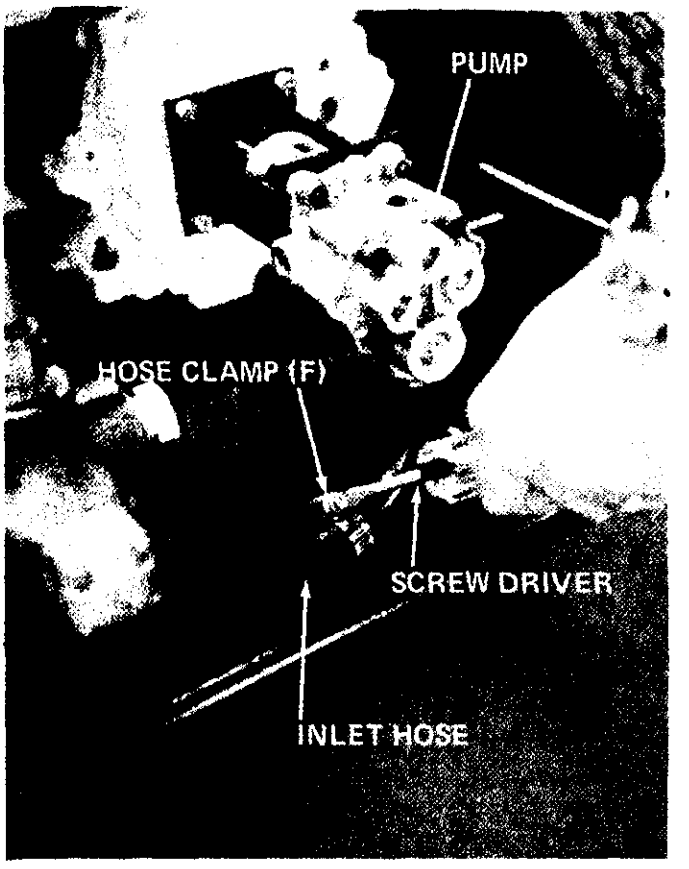


FIGURE 7

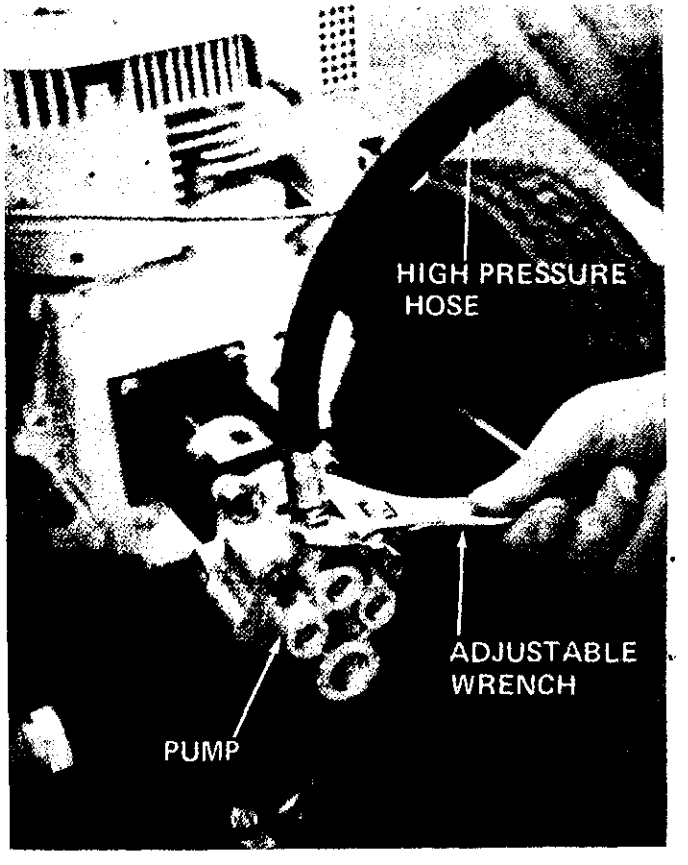


FIGURE 8

9. Secure the other end of high pressure hose to valve. A 3/4" wrench is required. See figure 9.

NOTE

Use hydraulic sealant tape on threads.

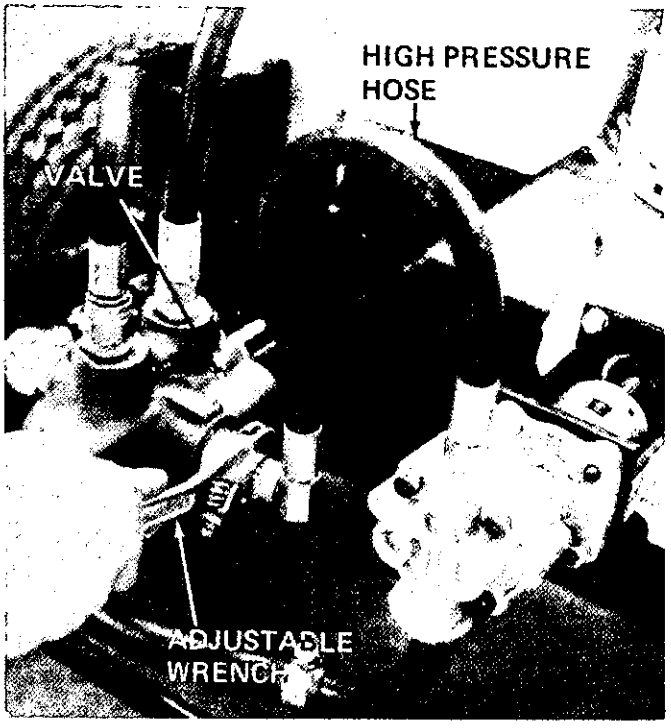


FIGURE 9

10. Assemble the engagement handle to the beam assembly using shoulder bolt (K) and flat washer (L). A 3/4" wrench is required. See figure 10.

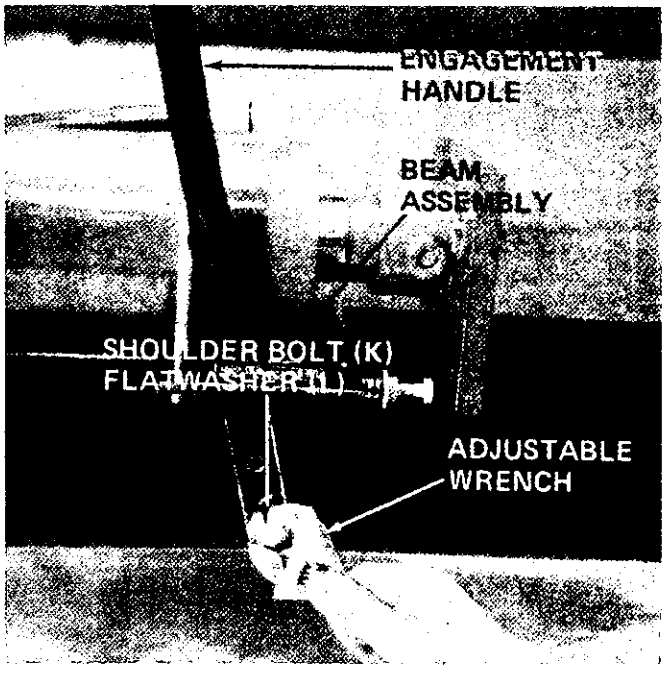


FIGURE 10

11. Place end of engagement rod on valve spool and secure with hex screw (M) and hex nut (N). See figure 11.

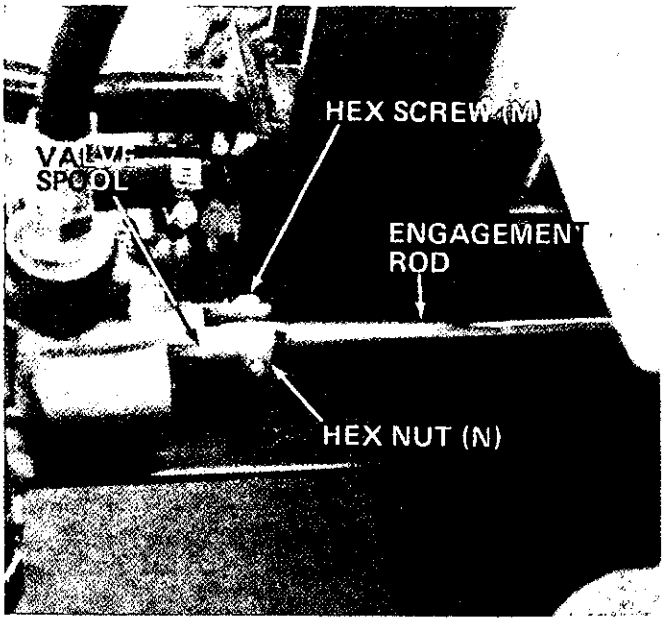


FIGURE 11

12. Thread ferrule (O) on engagement rod so there is approximately 1/2" of thread showing. Engagement handle must be at 90° to beam. Insert ferrule into engagement handle. See figure 12.

NOTE

Engagement handle locked in reverse position must depress valve spool to limit.

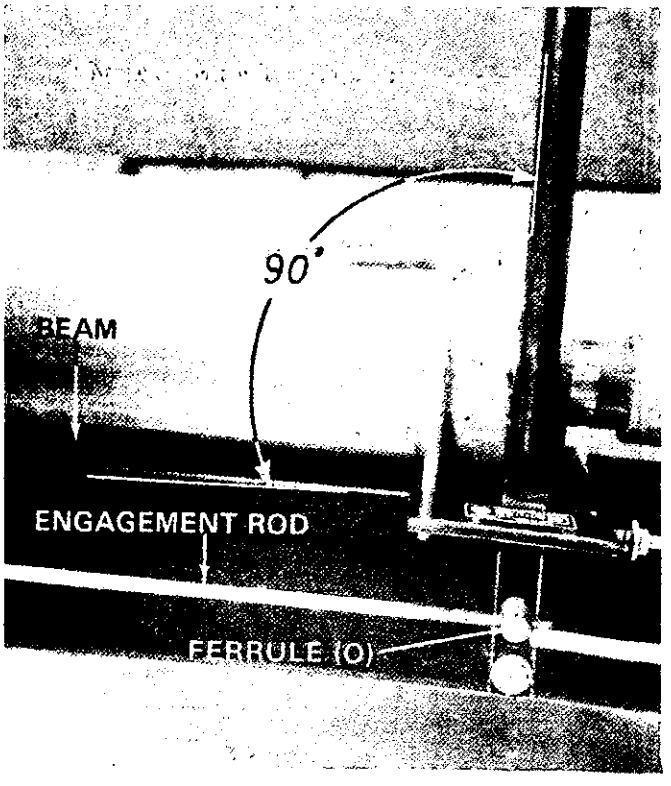


FIGURE 12

13. Thread hex lock nut (Q) on engagement rod until nut rest against the ferrule. Secure ferrule in engagement handle with cotter pin (P). See figure 13.

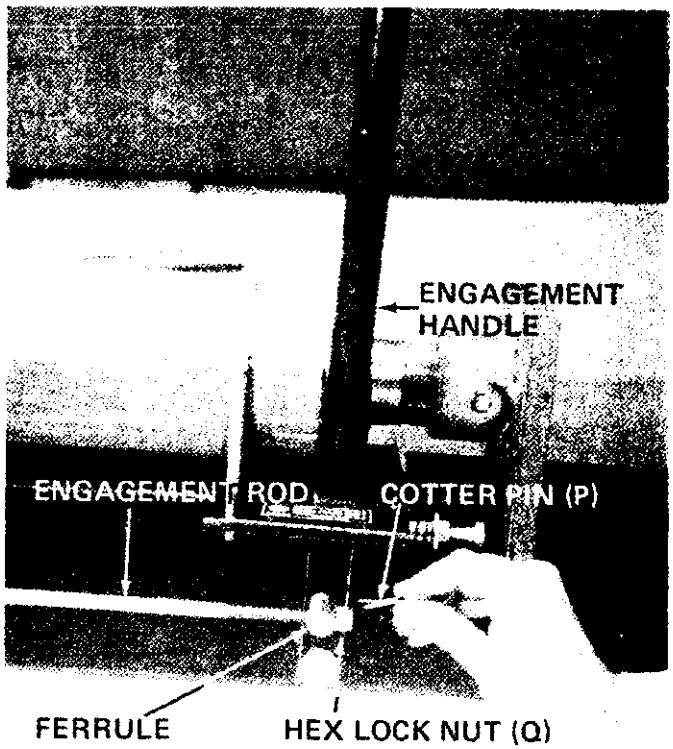


FIGURE 13

14. Place the throttle control in position on beam assembly and secure with two self tapping screws (G). A standard screw driver is required. See figure 14.

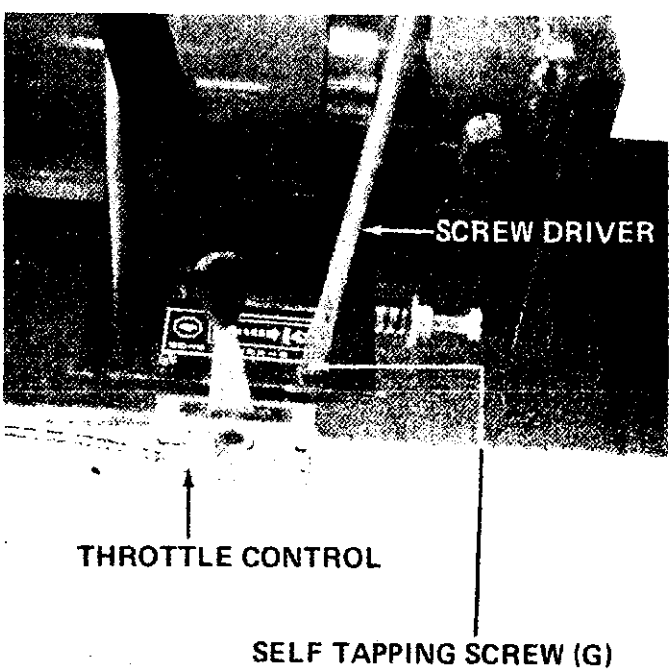


FIGURE 14

OPERATION

1. Service engine with gas and oil. See engine manual packed with log splitter for complete instructions for the care and maintenance of engine. READ DIRECTIONS CAREFULLY.
2. Fill fuel tank with one gallon of regular grade gasoline. See figure 15.
3. Engine will require 2-3/4 pints of SAE 30 or 10W30 oil. Remove oil dipstick. See figure 15.

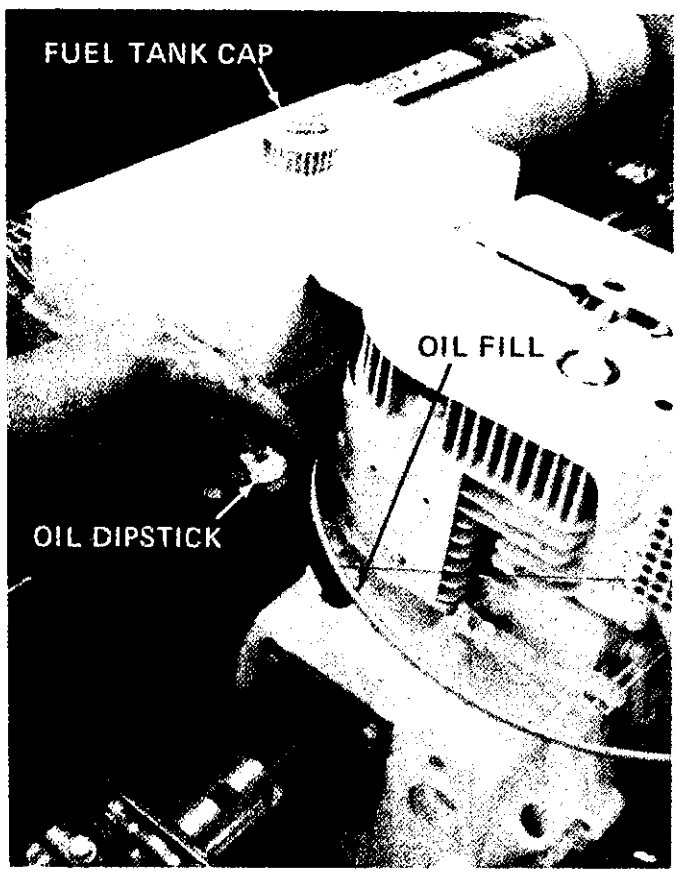


FIGURE 15

CAUTION

You must not operate log splitter without proper amount of oil in reservoir tank. (Beam)

5. Remove the breather plug from breather tube. See figure 16. Pour 2-1/2 gallons of 10W30 H.D. oil ONLY into breather tube.

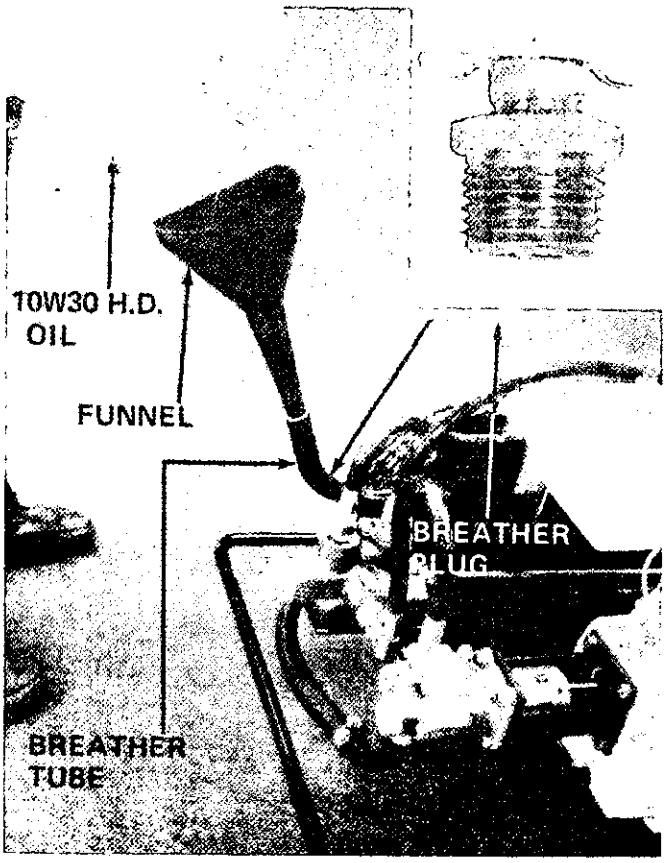


FIGURE 16

BEFORE STARTING ENGINE:

During initial break-in period, oil level should be watched closely. See ENGINE MAINTENANCE.

Use MS classification oil. Do not use oils marked only MM or ML or unmarked.

Above 32° use SAE 30; below 32° use SAE 10W. These recommendations must be followed for best performance and long life.

Change oil first two (2) hours of operation and check oil level every five (5) operating hours or each time equipment is used.

Change oil every twenty-five (25) operating hours or sooner if equipment is operated in extremely dusty or dirty conditions.

LOG SPLITTER:

The oil in the reservoir should be changed every (100) hours of operation.

NOTE

Carburetors are preset at the factory. DO NOT attempt to make adjustments at this time. See carburetor instructions outlined under CARBURETOR ADJUSTMENT in Engine Manual.

The ram should take approximately 30 seconds to make a complete cycle. This speed may vary depending on throttle setting and temperature of oil.

TO START ENGINE

1. Place throttle control lever (on beam) in run position. See figure 17.
2. Move choke lever to CHOKE position. See figure 18.

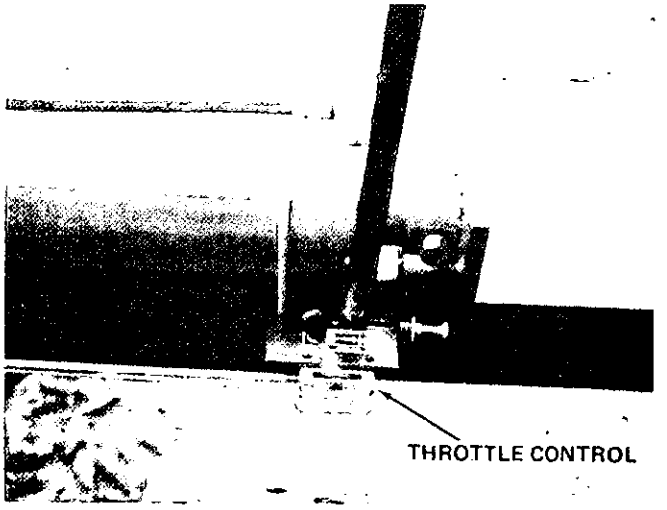


FIGURE 17

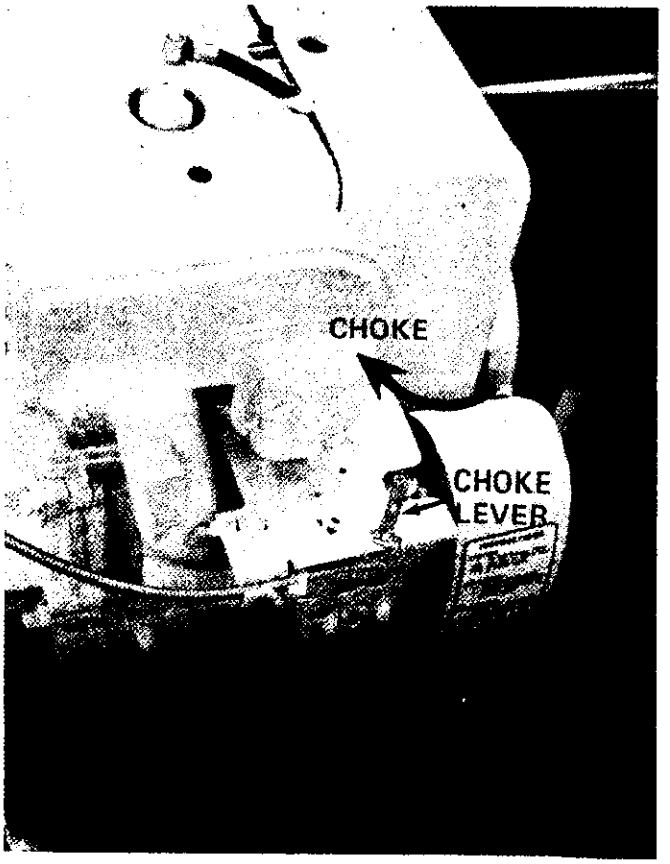
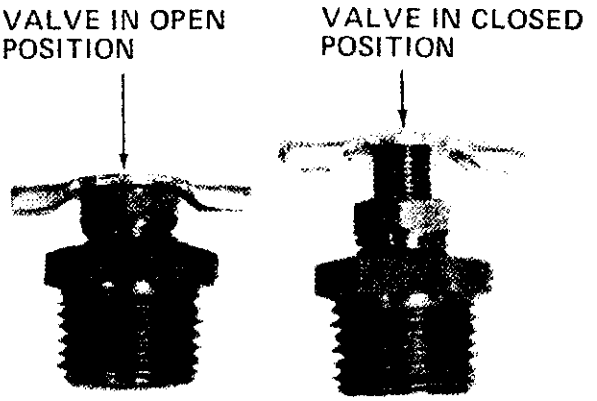


FIGURE 18

3. Open the breather valve. Valve must be open when running log splitter. Valve must be closed when transporting log splitter. See figure 19.



BREATHER PLUG AND VALVE.

NOTE: Valve has left hand threads. Clockwise to close.

FIGURE 19

4. Rewind starter — place one foot on wheel and with a quick full arm stroke, keep firm grip on handle and return rope slowly. See figure 20.

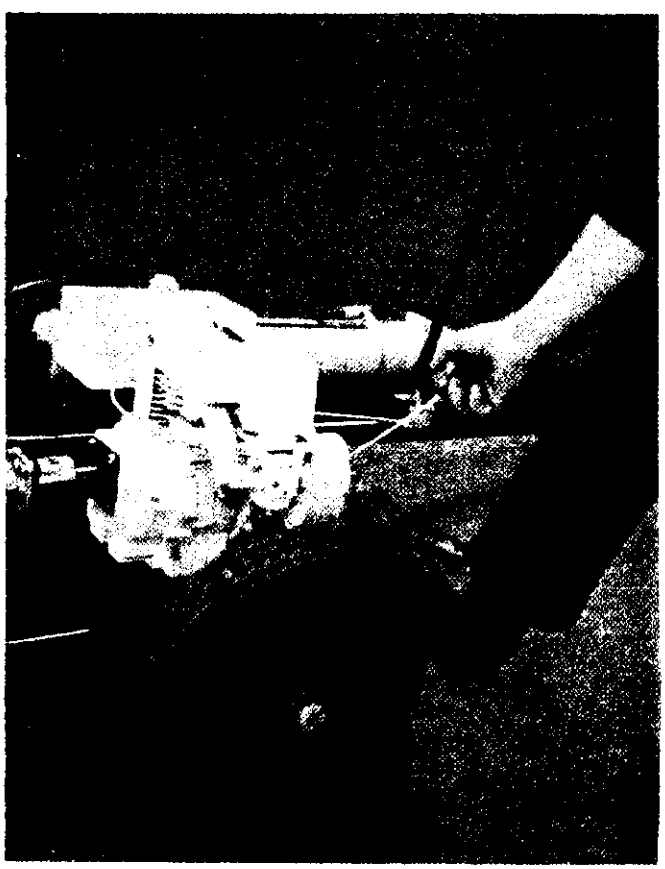


FIGURE 20

TO STOP ENGINE

1. Move throttle control lever to STOP position. See figure 17.
2. Remove high tension wire from spark plug to prevent accidental starting by children while equipment is unattended.

USING YOUR LOG SPLITTER

Your log splitter is designed for safe, efficient, operation. CARE, OF COURSE, MUST BE EXERCISED THAT HANDS ARE KEPT AWAY FROM MOVING PARTS.

A. Set throttle at maximum speed.

B. Engagement handle has three positions: Forward-moves ram toward wedge. Neutral—ram stops in place. Reverse—ram returns. See figure 21.

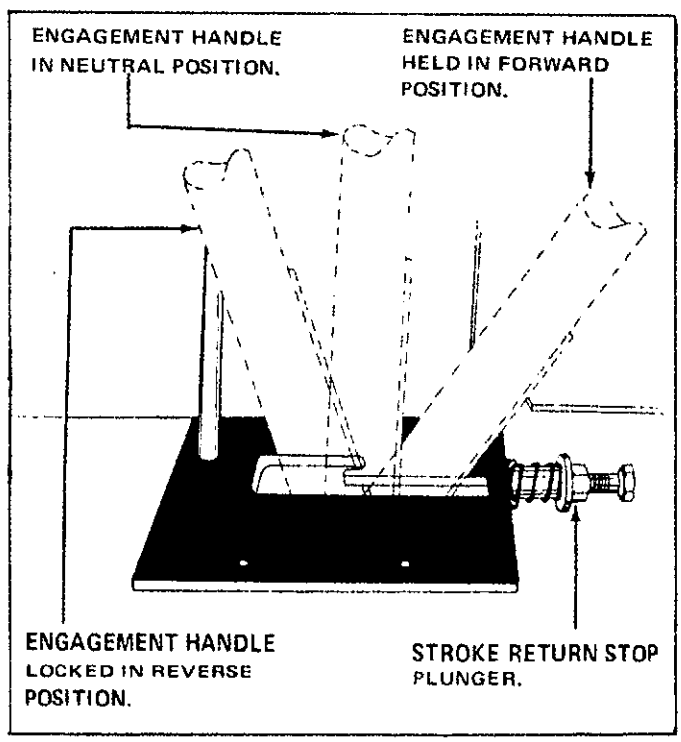

ENGAGEMENT HANDLE IN NEUTRAL POSITION.
ENGAGEMENT HANDLE HELD IN FORWARD POSITION.
ENGAGEMENT HANDLE LOCKED IN REVERSE POSITION.
STROKE RETURN STOP PLUNGER.

FIGURE 21

C. Maximum length that can be split is 24".

D. Place log on beam and hold in place with right hand. See figure 22.

FIGURE 22

E. Slowly move engagement handle forward until ram rests against log. Release engagement handle (Neutral).

F. Remove your hand from the log and step behind the ram. See figure 23.

FIGURE 23

G. Move engagement handle forward until log is split.

H. Move the engagement handle to the rear to return ram.

NOTE

If you lock the engagement handle in the reverse slot, the ram will return until it hits the return stroke stop plunger, which will throw the engagement handle into neutral automatically.

DANGER

Never attempt to cut a log in half with the log splitter. See figure 24.

Never stand next to the ram when operating. See figure 25. Always stand behind the ram.

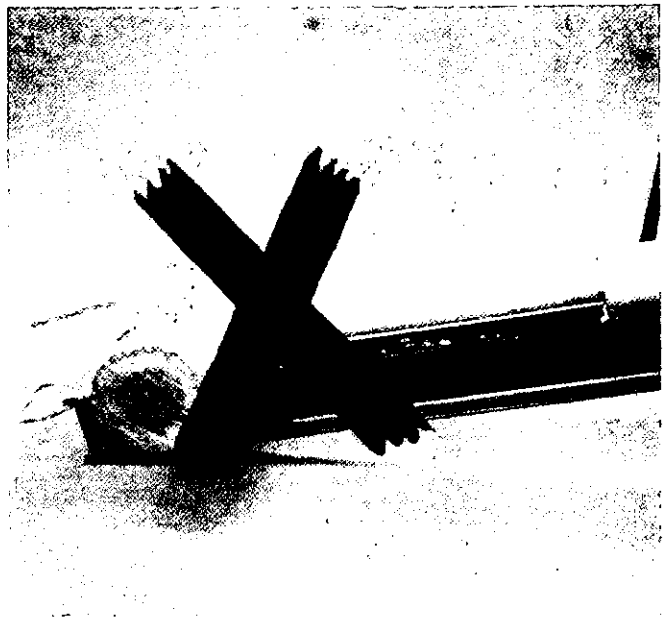


FIGURE 24

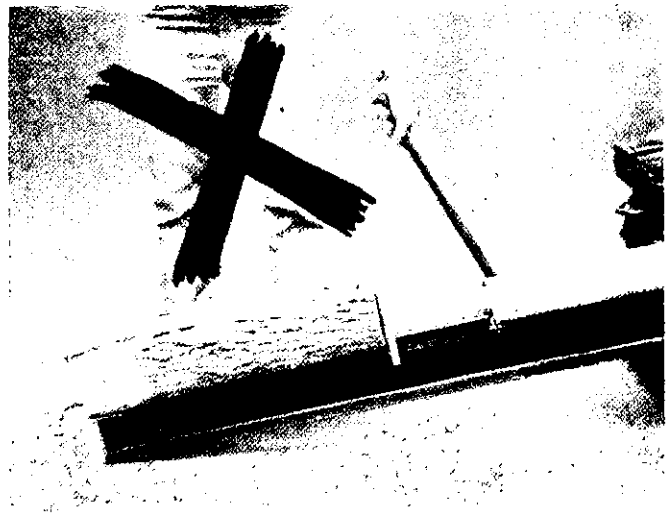


FIGURE 25

MAINTENANCE and ADJUSTMENTS

WARNING

Always stop engine and disconnect spark plug wire before doing any maintenance.

RAM OPERATION

If the ram does not move smoothly, run the ram its full stroke several times to clear out air in the system. Be sure the breather valve is open.

If this does not correct the problem see strainer tube assembly paragraph.

TIRE PRESSURE

FOR SHIPPING PURPOSES, THE TIRES ON YOUR UNIT MAY BE OVER-INFLATED. TIRE PRESSURE SHOULD BE REDUCED BEFORE UNIT IS PUT INTO OPERATION. RECOMMENDED PRESSURE SHOULD BE APPROXIMATELY 15 P.S.I. EQUAL TIRE PRESSURE SHOULD BE MAINTAINED ON ALL TIRES. MAXIMUM TIRE PRESSURE IS 30 P.S.I.

CAUTION

Installation of tire to rim:

1. Lubricate tire beads and rim flanges.
2. Do not exceed 30 P.S.I. when seating beads.
3. Adjust to recommended pressure after beads are sealed.

STROKE RETURN STOP PLUNGER

If the engagement handle does not return to neutral (from reverse) before the pressure relief bypass opens, loosen the hex locknut, back out hex bolt one or two turns. See figure 26.

Tighten hex locknut and operate log splitter. Repeat if necessary.

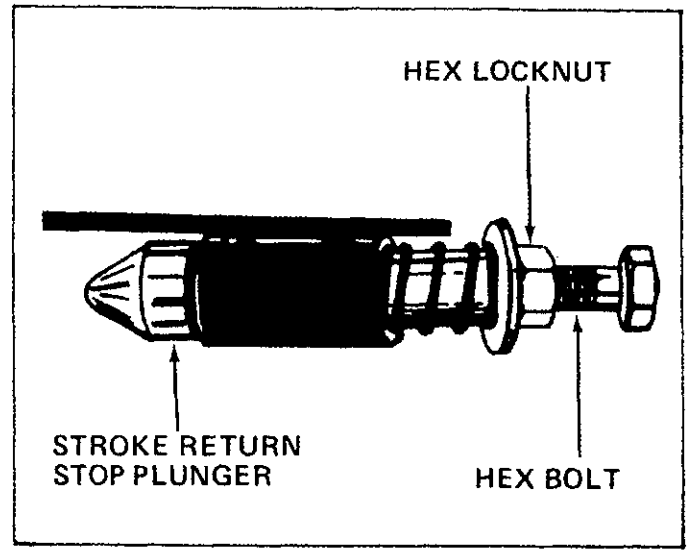


FIGURE 26

NOTE

When the pressure relief valve opens a loud high pitched sound is heard and engine labors.

HOSE CLAMPS

Check the hose clamps on the bottom of the pump for proper tightness before each use.

Hose clamps on the return hose should be checked once a season.

STRAINER TUBE ASSEMBLY

If the ram does not move back and forth smoothly the strainer tube assembly may be clogged.

To clean follow these steps.

1. Remove the hose clamp at inlet hose (bottom hose on rear of beam).

NOTE

Be prepared to catch oil in some container.

2. Pull off inlet hose from strainer tube assembly and catch oil in a suitable container. See figure 27.

3. With an adjustable wrench remove the strainer tube assembly. See figure 27.

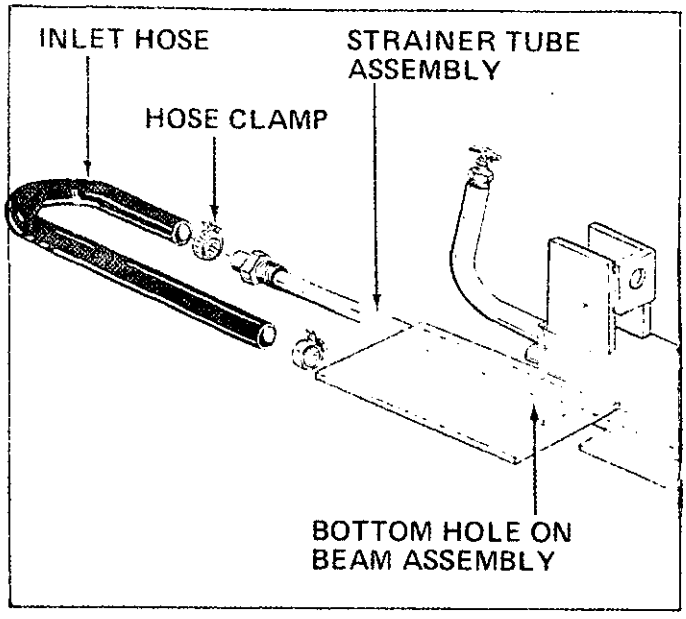


FIGURE 27

NOTE

The strainer tube assembly is 53" long.

4. Clean and reassemble using a hydraulic pipe sealant on the threads.

PRESSURE RELIEF VALVE SETTING

If the pressure relief valve is set too low it will open up before enough pressure is built up to properly operate the ram. See figure 28.

TO SET THE PRESSURE RELIEF VALVE

1. Have someone place a log crossways in the Splitter and allow the Ram to push against it with the engine running wide open

2. If the engine begins to lug down, the Relief Valve setting is correct.

3. If adjustment is necessary, tighten the screw until the engine begins to lug down.

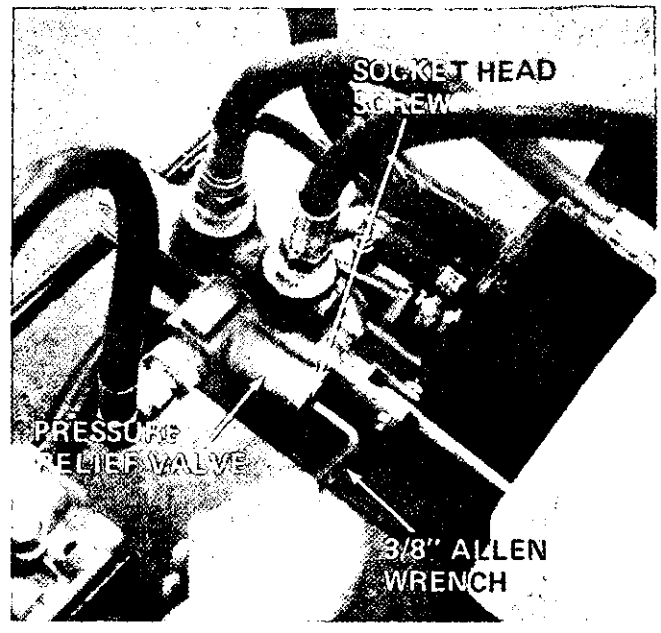


FIGURE 28

Check oil in log splitter reservoir before every use. See figure 29.

1. Block up front of log splitter so beam is setting level.
2. Remove check pipe plug in rear of beam. See figure 29. If oil starts to come out of check pipe plug hole oil level is correct. IF NOT add oil to breather tube (figure 16) unit oil starts out.

NOTE

Use hydraulic sealant tape or pipe sealant on pipe plut threads.

3. Replace check pipe plug, remove block from under front of beam.

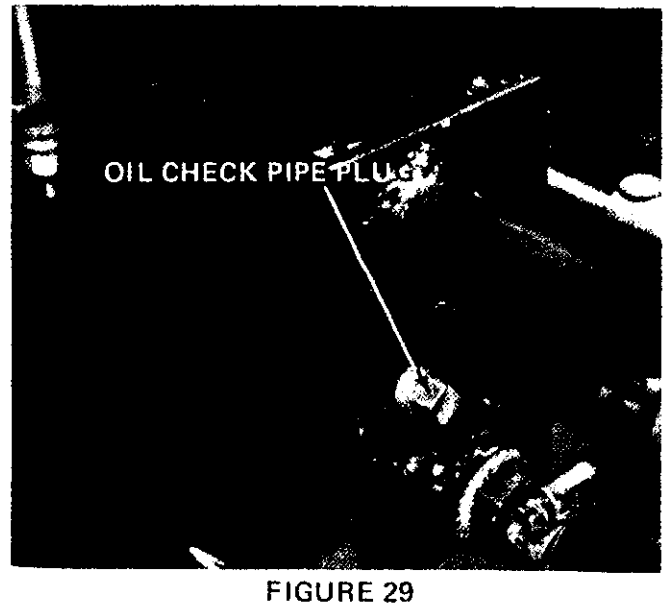


FIGURE 29

ENGINE MAINTENANCE

 REFER TO ENGINE MANUAL.

STORAGE INSTRUCTIONS

In event engine is to be stored for any length of time (30 days or more), prepare as follows:

1. Drain gasoline by tipping or by syphon hose, then run engine until remainder is used and tank and carburetor are empty.

CAUTION

Drain into container outdoors away from fire or flame.

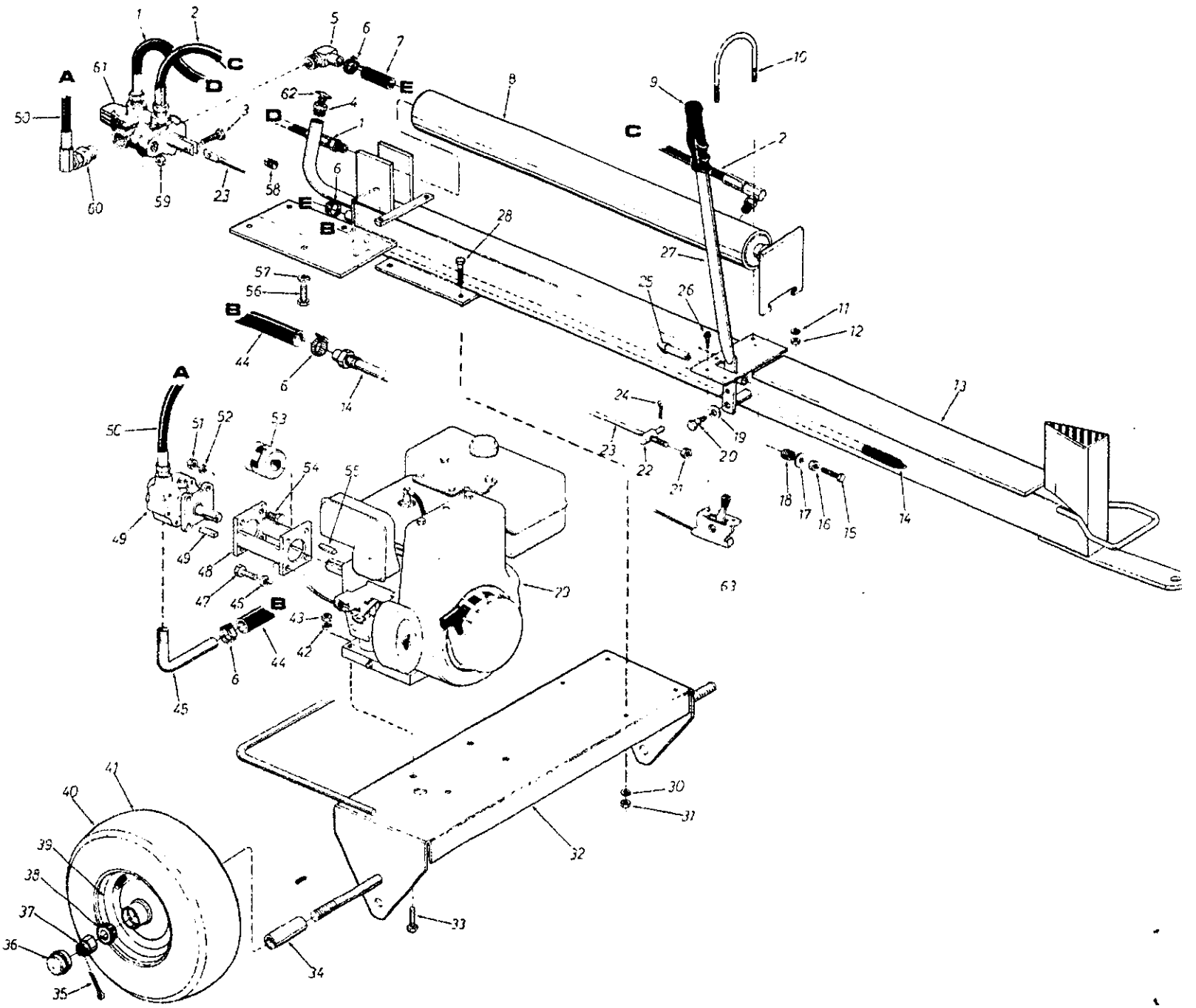
2. Drain carburetor by running engine until it stops.

3. Inside protecting of engine for storage is performed by removing spark plug and pouring one ounce of SAE 30 oil through spark plug hole into cylinder. Crank engine, without starting, several times to spread oil over cylinder walls.

4. Never store outside without a waterproof cover.

NOTES

24645-9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PARTS LIST FOR LOG SPLITTER MODEL NO. 24645-9

Ref. No.	Part No.	Color Code	Description	New Part
1	727-0211		Forward stroke high pressure hose	
2	727-0212		Return stroke high pressure hose	
3	710-0106		Hex Scr. 1/4-20 x 1.25" Lg.*	
4	737-0160		Breather Plug	
5	737-0153		Return Elbow	
6	726-0173		Hose Clamp	
7	727-0210		Return Hose 3/4" I.D. x 2.62" Lg.	
8	717-0406		Cylinder Ass'y. 4.0" Dia. x .24" stroke	N
9	08118		Grip	
10	747-0289		Cylinder Support Rod	
11	736-0119		L.-Wash. 5/16" Scr.*	
12	712-0267		Hex Nut 5/16-18 Thd.*	
13	13743		Complete oil tank & Beam Ass'y.	N
14	13677		Strainer Tube Ass'y. 50" Lg.	
15	710-0624		Hex Scr. 5/16-24 x 1.50" Lg.*	
16	712-0123		Hex Nut 5/16-24 Thd.*	
17	736-0159		Fl.-Wash. .34 I.D. x .88 O.D.	
18	732-0253		Compression Spring .64 O.D. x .81" Lg.	
19	736-0160		Fl.-Wash. .53" I.D. x .94" O.D.	
20	738-0234		Shld. Scr. .500" Dia. x .295	
21	712-0241		Hex Nut 3/8-24 Thd.*	
22	711-0198		Pivot Bushing	
23	747-0297		Engagement Rod - .38" Dia. x 31" Lg.	N
24	714-0507		Cotter Pin 3/32" Dia. x .75" Lg.*	
25	738-0406		Return Stroke Stop Plunger	
26	710-0227		Hex AB-Tap Scr. #8 x .50" Lg.	
27	750-0428		Engagement Handle	N
28	710-0117		Hex Scr. 5/16-24 x 1.00" Lg.*	
29	----------		8 H.P. Engine - Tecumseh	
30	736-0119		L.-Wash. 5/16" Scr.*	
31	712-0123		Hex Nut 5/16-24 Thd.	
32	13747		Frame Ass'y.	N
33	710-0409		Hex Scr. 5/16-24 x 1.75" Lg.*	
34	750-0442		Spacer .75" I.D. x 1.12" O.D. x 1.56" Lg.	N
35	714-0121		Cotter pin 5/32" Dia. x 1.00" Lg.*	
36	734-0873		Hub Cap (Service Only)	
37	712-0299		Hex Castle nut 3/4-16 Thd.	
38	741-0107		Tapered roller bearing (Service Only)	
39	734-0871		Wheel Rim Ass'y. (Service Only)	
40	734-0872		Tire only 4.80/4.00 x 8 (Service Only)	
41	734-0870		Wheel Ass'y. Comp. 4.80/4.00 x 8	
42	736-0119		L.-Wash. 5/16" Scr.*	
43	712-0123		Hex Nut 5/16-24 Thd.	
44	727-0215		Inlet hose 3/4" I.D. x 14" Lg.	N
45	750-0426		Pump Inlet Tubing	
46	736-0119		L.-Wash. 5/16" Scr.*	
47	710-0157		Hex Scr. 5/16-24 x .75" Lg.*	
48	13295		Coupling Support Brkt. Ass'y.	
49	717-0397		Pump with Sq. Key 1/8" x 1.00" Lg.	
50	727-0203		High Pressure Hose	
51	712-0123		Hex Nut 5/16-24 Thd.*	
52	736-0119		L-Wash. 5/16" Scr.*	
53	717-0374		Flexible Coupling with set scr.	
54	710-0117		Hex Scr. 5/16-24 x 1.00" Lg.*	
55	714-0128		Sq. Key 1/4" x 1/4" x 1.00" Lg.*	
56	710-0216		Hex Scr. 3/8-16 x .75" Lg.*	
57	736-0105		Belleville Wash. .40 I.D. x .88 O.D.	
58	737-0104		Pipe Plug 1/4-18 pipe thd.	
59	712-0107		Hex L.-Nut 1/4-20 Thd.	
60	737-0155		Reducing Bushing	
61	717-0407		Control Valve	N
62	737-0161		Breather Valve	
63	746-0295		Throttle Control Ass'y. Comp.	N

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

The engine is not under warranty by the log splitter manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines - Gasoline."

YARD-MAN
PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all YARD-MAN manufactured power equipment are available through the authorized service distributors listed below. All orders should specify the model number of your unit, parts numbers, description of parts and the quantity of each part required. DO NOT SEND PARTS ORDER TO FACTORY. Contact distributor for name of local dealer.

ALABAMA	**DOTHAN**	
Auto Elect. Co. of Ala. Inc.	1301 Montgomery Hwy.	36301
	DECATUR	
Alabama Farmers Co-op Inc.	121 Somerville Road	35601
	FLORENCE	
B.M. Ingram Inc.	705 S. Seminary	35630
ARKANSAS	**MALVERN**	
Power Edge Corp.	227 W. Page Ave.	72104
CALIFORNIA	**GARDENA**	
Quality Mower Dist.	15100 Crenshaw Blvd.	90249
	NORTHRIDGE	
Mower Sales and Service	8541 Reseda Blvd.	91324
	ORANGE	
Pearson's Lawn Mower	169 S. Hewet St.	92669
	SACRAMENTO	
Bliss Power Lawn Equip. Co.	101 Commerce Circle	95815
	SAN BERNARDINO	
Lawnmower Supply Co.	25608 E. Baseline	95926
	STOCKTON	
Central Valley Howe Co.	924 E. Church St.	95202
COLORADO	**STERLING**	
Stickney's	101 Main St.	80751
	WHEAT RIDGE	
Turf Equip. and Parts	8035 West 44th St.	80033
FLORIDA	**CORAL GABLES, MIAMI**	
Moz-All of Florida, Inc.	365 Greco	33146
	JACKSONVILLE	
Radco Dist., Inc.	2403 Market St.	32206
	OCALA	
Lovell Brothers	320 N.W. 10th St.	32670
ILLINOIS	**CERRO GORDO**	
Van Horn Sales	R.R. #1	61818
	LYONS	
Keen Edge	8615 Ogden Ave.	60534
	MORTON GROVE	
V-G Supply Co.	8701 North Lincoln	60053
	SULLIVAN	
Lawn Equip. Service Co.	1133 W. Jackson St.	61951
INDIANA	**FORT WAYNE**	
Lynn Koehlinger Co.	3675 North Wells-Box 96	46801
KENTUCKY	**HEBRON**	
J.A. Stevens Mower Co.	P.O. Box 38	41048
	HOPKINSVILLE	
Cayce Mill Supply Co.	505 East First St.	42240
LOUISIANA	**BATON ROUGE**	
S & S Distributing Co.	1307 Main St.	70821
MAINE	**BANGOR**	
M.L. Coffin Co.	725 Broadway	04401
MASSACHUSETTS	**SOUTHBORO**	
Crandall-Hicks Co.	Rt. #9	01772
MICHIGAN	**FERNDALE**	
Ideal Mower Sales, Inc.	811 Woodward Heights	48220
	GRAND RAPIDS	
Jac Van Dist., Inc.	4477 E. Paris, S.E.	49508
	JACKSON	
Factory Branch	440 East Prospect	49202
MINNESOTA	**MINNEAPOLIS**	
Westgo Dist. Inc.	14508 21st Ave. North	55440
MISSOURI	**ROLLA**	
Ozark Equip. Co., Inc.	Hwy.63&BlackSt.-Box784	65401

BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

MONTANA	**BILLINGS**	
Parker Montana Co.	2100 Sixth Ave. North	59101
NEBRASKA	**OMAHA**	
K & K Co. Inc.	711 S. 15th St.	68102
Midlands Automotive Warehouse Inc.	7400 Pacific Ave.	68114
NEW JERSEY	**PARSIPPANY**	
Elmco Dist., Inc.	2 Eastmans Rd.	07054
NEW MEXICO	**ALBUQUERQUE**	
Southwest Toro, Inc	3700 Edith Blvd., P.O. Box 6307	87107
NEW YORK	**SYRACUSE**	
Morris Electronics, Dist., Inc.	1153 W. Fayette St.	13201
NORTH CAROLINA	**WINSTON-SALEM**	
Carswell Dist., Co.	3750 N. Liberty St.-Box 4193 North Station	27105
OHIO	**CARROLL**	
Stebe's Inc.	P.O. Box 366	43112
	CLEVELAND	
Tecca Dist., Co.	4747 Manufacturing Ave.	44135
OKLAHOMA	**OKLAHOMA CITY**	
Moore Cycle & Supply	1537 W. Main St.	73106
PENNSYLVANIA	**MT. PLEASANT**	
Valley Equip. Dist.	203 N. Depot St.	15666
	HATFIELD	
Ronconi Equip. Inc.	2867 Sandstone Dr.	19440
TENNESSEE	**BRISTOL**	
Mitchell Powers Hdwe Co.	5th St. Extension	37623
	KNOXVILLE	
House Hasson Hdwe.	757 Western Ave.	37917
Master Repair Service	2423 Broadway, N.E.	37917
	UNION CITY	
Graves Dist. Co., Inc.	1318 Stad Ave.	38261
TEXAS	**COMANCHE**	
Higginbotham Bros.	203 W. Central & Mary	76442
	EL PASO	
Southwest Toro Inc.	1628 Myrtle P.O. Box 51	
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
	HOUSTON	
Outdoor Equip., Inc.	8000 Harwin St. P.O. Box 42146	77036
UTAH	**BOUNTIFUL**	
Powered Products	485 N. 500W	84010
VIRGINIA	**BLUEFIELD**	
Bluefield Supply Co.	Box 269-Mercer St.	24701
	LORTON	
Ronconi Equip. Inc.	8815 Telegraph Rd.	22079
	LYNCHBURG	
Bailey-Spencer Hardware Co.	1016-26 Commerce St.	24505
	RICHMOND	
Universal Tractor Equip. Corp.	Box 5489 928 N. Meadow St.	23220
WASHINGTON	**SEATTLE**	
Equip. North West Inc.	1410 Fourteenth Ave.	98122
WISCONSIN	**CHILTON**	
Horst Dist. Co., Inc.	444 N. Madison St.	53014
CANADA	**KITCHENER, ONTARIO**	
MTD Products	97 Kent Ave.	N2G4J1

WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES

1. **Replacement of Missing Parts** on new equipment.
2. **Replacement of Defective Parts** within the warranty period.
3. **Repair of Defects** within the warranty period.

All claims MUST be substantiated with the following information:

1. **Model Number** of unit involved.
2. **Date** unit was purchased or first put into service.
3. **Date** of failure—Date Repaired.
4. **Nature** of failure—Correction.